

# AGRICULTURAL MANAGEMENT ASSISTANCE (AMA)

## Irrigation -- Evaluation Criteria

<b>Land User's Name</b>	<b>County</b>
<b>Address</b>	<b>Telephone</b>
<b>Total Estimated Cost \$</b> _____	<b>Total Irrig. Acres</b> _____

**Has applicant implemented Basic Conservation System (meets soil erosion criteria) on requested acres?**   ☐ **Yes**   ☐ **No**

If *No*, do not complete worksheet. Applicant is ineligible.

EVALUATION ITEM	CONCERN	MAXIMUM POINTS	POINTS AWARDED
I. Water Supply	Stream Order > 3	15	
	Stream Order ≤ 3	0	
	Pond (Existing)	15	
	Well (Existing)	10	
	Pond (To Be Built)	0	
	Well (To Be Drilled)	0	
II. Experience	Currently Irrigating	0	
	No Irrigation	5	
III. Crop	Vegetables	20	
	Orchard / Vineyard	20	
	Agronomic Crops	10	
	Turf / Nursery	0	
IV. Irrigation System	Drip	15	
	Sprinkler	10	
	Center Pivot	0	
	Big Guns	0	
V. Acres To Be Irrigated	1 point for each additional acre over 5	15	
	5	5	
	< 5	0	
VI. Acre-Inches Available Per Irrigated Acre (only if it will be used as source)	≥ 4"	15	
	3"	10	
	≤ 2"	0	
<b>TOTAL POINTS</b>			

Prepared by	Date
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February 18, 2005

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## Irrigation Evaluation Criteria

### Basic Conservation System Applied

The conservation plan is current and all fields to be irrigated meet soil quality criteria, including soil erosion losses equal or less than the allowable limits (T).

### I. Water Supply

The water supply should provide adequate water for irrigation during times of drought without harming aquatic life. Order 1 streams are the first channels in the headwaters to exhibit a defined bed and banks. Two order 1's join to form an order 2 and so on.

### II. Experience

Points are awarded if the applicant is not currently doing irrigation.

### III. Crop

Because of the economic risk, higher points are awarded to those high value commercial crops. Where the irrigation system will be used for more than one crop, points are awarded for the highest value crop.

### IV. Irrigation System

Greater points are awarded for more water efficient irrigation systems.

### V. Acres To Be Irrigated

Points are awarded based on the total acres to be irrigated starting with a minimum of 5 acres. Add one point for each additional acre over 5 (Not-To-Exceed 15 points).

### VI. Acres-Inches Available Per Irrigated Acre

Stream Order > 5	Assume $\geq 4''$
Stream Order 4 – 5	Assume 3''
Stream Order $\leq 2$	Assume 1 to 2''
Pond (Existing)	(Pond Surface Area) x (Maximum Depth) x $\frac{1}{3}$ x $\frac{1}{2}$
Well (Existing)	Yield gpm: > 150 gpm Assume >6''
	75 gpm to 150gpm Assume 3 to 6''
	5 to 75 gpm Assume 1 to 3''
Pond (To Be Built)	0
Well (To Be Drilled)	0